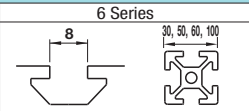
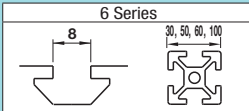


Pre-Assembly Insertion Nuts/Stoppers for Aluminum Extrusions - Standard
For 6 Series (Slot Width 8mm)



Pre-Assembly Insertion Nuts for Aluminum Extrusions with Temporary Holding Function
For 6 Series (Slot Width 8mm)

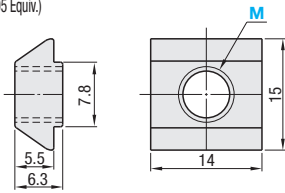


Tightening Torque P526

Pre-Assembly Insertion Nuts		
① HNTT6	② PACK-HNTT6	③ HNTTV6
④ HNTTZ6	⑤ HNTTSN6*	⑥ PACK-HNTTSN6*
⑦ HNTTSS6		
Type	Material	Surface Treatment
① HNTT6	EN 1.0301 Equiv.	Trivalent Chromate
② PACK-HNTT6	EN 1.0301 Equiv.	Trivalent Chromate
③ HNTTV6	Thread Locking Adhesive Type, EN 1.0301 Equiv.	-
④ HNTTZ6	Thread Locking Resin Coating Type, EN 1.0301 Equiv.	-
⑤ HNTTSN6*	EN 1.4401 Equiv. (Sintered)	-
⑥ PACK-HNTTSN6*	EN 1.4401 Equiv. (Sintered)	-
⑦ HNTTSS6	EN 1.4305 Equiv.	-

HNTT6 (EN 1.0301 Equiv.)
PACK-HNTT6 (EN 1.0301 Equiv., 100/pkg.)
HNTTV6 (Thread Locking Adhesive Type, EN 1.0301 Equiv.)
HNTTZ6 (Thread Locking Resin Coating Type, EN 1.0301 Equiv.)
HNTTSN6 (EN 1.4401 Equiv., Sintered)
PACK-HNTTSN6 (EN 1.4401 Equiv., Sintered, 100/pkg.)
HNTTSS6 (EN 1.4305 Equiv.)

Reference Tightening Torque (N · m)		
M	EN 1.0301 Equiv.	EN 1.4401 Equiv. (Sintered) / EN 1.4305 Equiv.
6		11.7



Example

Pre-Assembly Insertion Nuts
Nuts are pre-inserted in the aluminum extrusion.
HNTU
HNTUV
HNTUZ
SHNTU
HNTTBS
HNTT
HNTTV
HNTTZ
HNTTSN
HNTTSS
HNTJ

Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTT6 (EN 1.0301 Equiv.)	3 4 5 6					
HNTTV6 (Thread Locking, EN 1.0301 Equiv.)	6					
HNTTZ6 (Thread Locking, EN 1.0301 Equiv.)	6					
HNTTSN6 (EN 1.4401 Equiv., Sintered)	3 4 5 6					
HNTTSS6 (EN 1.4305 Equiv.)	6					

Bulk Packages 100 pcs. per package

Part Number	M	Unit Price (1 ~ 10 packages)	
		Package Price	Price per Pkg.
PACK-HNTT6 (EN 1.0301 Equiv.)	3 4 5 6		
PACK-HNTTSN6 (EN 1.4401 Equiv., Sintered)	3 4 5 6		

When ordering HNTT6 without specifying M, HNTT6-6 is selected automatically.

Thread Locking Type



Thread locking compound applied inside of the tap.

Effect of Thread Locker (Reference)

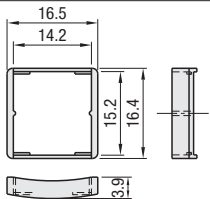
Loosening torque values are for reference. Difference may occur depending on the clearances between screws and nuts.

	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	8.2N · m	-
Thread Locking Adhesive Type	• Prevents loosening effectively. • Thread locking properties are lost once loosened. • Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening.	11.7N · m	Test Conditions: Measured value (HNTTV6-6) when a screw is loosened after drying for 72 hours at room temperature (25°C), after tightened at 11.7N · m.
Thread Locking Resin Coating Type	• Can be used repeatedly. (Thread locking effect decreases after repeated use.) • Thread locking effect is immediately seen right after tightening.	10.0N · m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 9.4N · m Measurement with HNTTZ6-6

Pre-Assembly Insertion Stoppers

RoHS10

HNST6

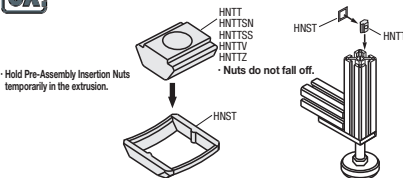


Material: Polyamide

Part Number	Applicable Pre-Assembly Insertion Nut	Color	Unit Price 1 ~ 1500 pc(s).
HNST6	HNTT6 HNTTV6 HNTTZ6 HNTTSN6 HNTTSS6	Black	

Ordering Example
Part Number
HNST6

Example



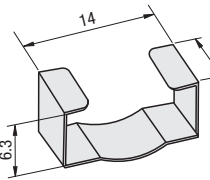
Hold Pre-Assembly Insertion Nuts temporarily in the extrusion.

Nuts do not fall off.

Pre-Assembly Insertion Metal Stoppers

RoHS10

SHNST6

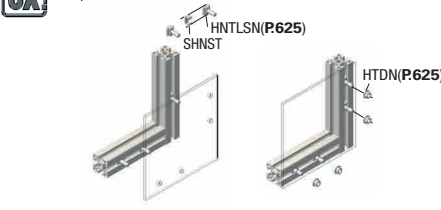


Material: EN 1.4319 Equiv.

Part Number	Applicable Pre-Assembly Insertion Nut	Unit Price 1 ~ 1500 pc(s).
SHNST6	HNTT6 HNTTV6 HNTTZ6 HNTTSN6 HNTTSS6	

Ordering Example
Part Number
SHNST6

Example



HNTLSN(P625)

SHNST

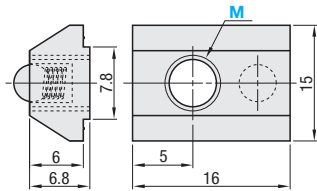
HTDN(P625)

Tightening Torque P526

Pre-Assembly Insertion Spring Nuts		
① HNTU6	② PACK-HNTU6	③ HNTUV6
④ HNTUZ6	⑤ SHNTU6*	⑥ PACK-SHNTU6*
Type	Main Body	Ball Spring
① HNTU6	EN 1.0301 Equiv.	EN 1.4301 Equiv.
② PACK-HNTU6	EN 1.0301 Equiv.	JIS-SWP-A
③ HNTUV6	EN 1.4301 Equiv.	-
④ HNTUZ6	EN 1.4301 Equiv.	-
⑤ SHNTU6*	EN 1.4301 Equiv. (Sintered)	SUS304-WP8
⑥ PACK-SHNTU6*	EN 1.4301 Equiv. (Sintered)	-

HNTU6 (EN 1.0301 Equiv.)
PACK-HNTU6 (EN 1.0301 Equiv., 100/pkg.)
HNTUV6 (Thread Locking Adhesive Type, EN 1.0301 Equiv.)
HNTUZ6 (Thread Locking Resin Coating Type, EN 1.0301 Equiv.)
SHNTU6 (EN 1.4301 Equiv., Sintered)
PACK-SHNTU6 (EN 1.4301 Equiv., Sintered, 100/pkg.)

Reference Tightening Torque (N · m)		
M	EN 1.0301 Equiv.	EN 1.4301 Equiv. (Sintered)
6		11.7



Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTU6 (EN 1.0301 Equiv.)	3 4 5 6					
HNTUV6 (Thread Locking, EN 1.0301 Equiv.)	6					
HNTUZ6 (Thread Locking, EN 1.0301 Equiv.)	6					
SHNTU6 (EN 1.4301 Equiv.)	3 4 5 6					

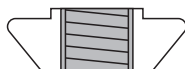
Bulk Packages 100 pcs. per package

Part Number	M	Unit Price (1 ~ 10 packages)	
		Package Price	Price per Pkg.
PACK-HNTU6 (EN 1.0301 Equiv.)	3 4 5 6		
PACK-SHNTU6 (EN 1.4301 Equiv.)	3 4 5 6		

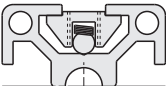
Example

Does not fall even if the extrusion is placed vertically.
Built-in spring prevents slips.
Moves easily in the slot when pressed slightly by hand.

Thread Locking Type



Thread locking compound applied inside of the tap.



Effect of Thread Locker (Reference)

Nuts with thread locker applied on the inside of tap. Reduce loosening caused by vibration during transportation and operation of equipment.
Thread Locking Adhesive: A microencapsulated anaerobic adhesive prevents thread loosening. Note that it requires a hardening time (72 hours at room temperature 25°C). The adhesive property is lost once loosened.
Resin Coating: Resin is coated along the threads. Although the thread locking effect may be less than adhesive type, it can be used repeatedly without hardening time required.

Loosening torque values are for reference. Difference may occur depending on the clearances between screws and nuts.

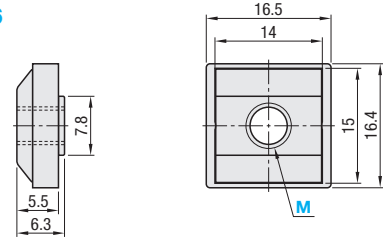
	Characteristics	Loosening Torque after Tightening (1st time)	Remarks
Without Thread Locker	-	8.2N · m	-
Thread Locking Adhesive Type	• Prevents loosening effectively. • Thread locking properties are lost once loosened. • Requires a hardening time for adhesives (72 hours at room temperature 25°C) after tightening.	11.7N · m	Test Conditions: Measured value (HNTTV6-6) when a screw is loosened after drying for 72 hours at room temperature (25°C), after tightened at 11.7N · m.
Thread Locking Resin Coating Type	• Can be used repeatedly. (Thread locking effect decreases after repeated use.) • Thread locking effect is immediately seen right after tightening.	10.0N · m	Thread locking effect decreases after repeated use. Loosening Torque at 5 Repeats: 9.4N · m Measurement with HNTTZ6-6

Stopper Integrated Nuts

RoHS10

HNTE6
SHNTE6

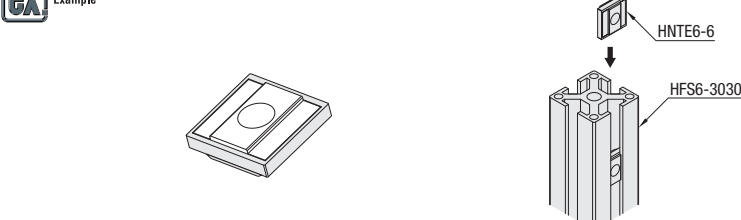
Type	Main Body	Material	Stopper	Surface Treatment
① HNTE6	EN 1.0301 Equiv.	Polyamide	-	Trivalent Chromate
② SHNTE6	EN 1.4301 Equiv.	-	-	-



Reference Tightening Torque (N · m)		
M	EN 1.0301 Equiv.	EN 1.4301 Equiv.
6		11.7

Part Number	M	Unit Price 1 ~ 499 pc(s).	Volume Discount Rate			
			500~749	750~999	1000~1500	
HNTE6	3 4 5 6					
SHNTE6	3 4 5 6					

Example



Integrated Pre-Assembly Insertion Nuts and Stoppers.

The nuts do not slip off even if inserted into the vertically-placed extrusions.

*Can also be used with Pre-Assembly Insertion Screws.